

Docket No. 278591US0PCT



MAIL STOP PCT
153 Rec'd PCT/PTO 01 FEB 2006

PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Atsushi IWATA, et al.

SERIAL NO: 10/549,848

GAU:

FILED: September 19, 2005

EXAMINER:

FOR: METHOD OF ALTERING CRYSTAL STRUCTURE OF GROUP 13 ELEMENT NITRIDE, GROUP 13
ELEMENT NITRIDE AND STRUCTURE MATERIAL CONTAINING CUBIC NITRIDE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
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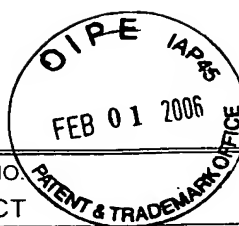
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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
278591US0PCTSERIAL NO.
10/549,848

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Atsushi IWATA, et al.

FILING DATE

September 19, 2005

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	55-056004	04/24/80	JP (with English abstract)		NO
	AP	58-204809	11/29/83	JP (with English abstract)		NO
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	AKEWATASHI, Jun et al., Ceramic Thin Film Formation Technology Using Collision and Solidification Phenomena of Particles and Ultra-fine Particles.- Aerosol Deposition Method for High Speed Coating at Low Temperature, National Institute of Advanced Industrial Science and Technology, Tsukuba, Pages 459 - 466, 2002, with Partial English Translation.				
	AX	KIM, I.W. et al., Critical Thickness for Transformation of Epitaxially Stabilized Cubic AlN in Superlattices, Applied Physics Letters, Vol. 78, No. 7, Pages 892 - 894, 2001.				
	AY	MASHIMO, Tsutomu et al., Yield Properties, Phase Transition, and equation of State of Aluminum Nitride (AlN) Under Shock Compression up to 150 GPa., Journal of Applied Physics, Vol. 86, No. 12, Pages 6710 - 6716, 1999.				
	AZ				<input type="checkbox"/> Additional References sheet(s) attached	

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PCT Application Serial No: 10/549,848

Filed: September 19, 2005

Atsushi IWATA, et al.

Docket No. 278591 US



STATEMENT OF RELEVANCY

- 1) References AO - AP have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AW - AY are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References are additional prior art known to Applicant. A copy of these references is being submitted herewith.